

Title (en)

Agent for removing deposits from potable water supply utilities

Title (de)

Mittel zur Entfernung von Belägen aus Trinkwasserversorgungseinrichtungen

Title (fr)

Produit pour l'élimination des entartrages des dispositifs pour distribuer de l'eau potable

Publication

EP 1300368 B1 20041020 (DE)

Application

EP 02021391 A 20020924

Priority

DE 20116242 U 20011004

Abstract (en)

[origin: EP1300368A2] An agent for removing incrustations from drinking water supply apparatus comprises an alkali dithionate, a phosphonoalkanecarboxylic acid-type complex-former, a metaphosphate, an alkali hydrogencarbonate and a water-soluble alkali salt of a mineral acid. <??>An agent for removing incrustations from drinking water supply apparatus (especially of oxidic incrustations from container walls) comprises (by wt.): <??>(A) an alkali dithionate (10-50%); <??>(B) a phosphonoalkanecarboxylic acid-type complex-former (4-40%); <??>(C) a metaphosphate (1-20%); <??>(D) an alkali hydrogencarbonate (5-20%); and <??>(E) a water-soluble alkali salt of a mineral acid (20-80%).

IPC 1-7

C02F 5/08

IPC 8 full level

C02F 5/08 (2006.01)

CPC (source: EP)

C02F 5/083 (2013.01); **C23F 14/02** (2013.01); **C23G 1/26** (2013.01)

Cited by

DE102012109099A1; EP1621521A1; CN105110484A; EP2090676A1; DE102016122158A1; US8192550B2; DE102015114481A1; DE102015114481B4; WO2014048823A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1300368 A2 20030409; **EP 1300368 A3 20031217**; **EP 1300368 B1 20041020**; AT E280137 T1 20041115; DE 20116242 U1 20030213; DE 50201340 D1 20041125

DOCDB simple family (application)

EP 02021391 A 20020924; AT 02021391 T 20020924; DE 20116242 U 20011004; DE 50201340 T 20020924